

# User manual

**CTS 602** by Nilan



**Comfort CT150**

Version: 10.00, 13-04-2015  
Software-version: 2.30

 **NILAN**<sup>®</sup>  
OUTSTANDING INDOOR CLIMATE

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## Introduction



Please check that the following documents have been supplied with the unit:

- Installation instructions
- CTS 602 User manual (this manual)
- Wiring diagram

The purpose of this guide is to indicate on the proper use and maintenance.

**IMPORTANT:** If the plant gets damage or otherwise becomes damaged – the injury must be inspected and repaired by a qualified person.

The plant must be started immediately after installation and connection to the canal system. When a ventilation system is not running the damp air from the rooms will penetrate up into channels and installations and dispose condensation water. Condensation water can drain out of the valves and damage furniture or flooring, condensation water in the system may damage the electronics and the fans.

The factory settings are adapted to most users, if it is not the case, contact your installer for the second commissioning.

## Basic panel

- 0: OFF
- 1: Speed 1
- 2: Speed 2
- 3: Speed 3



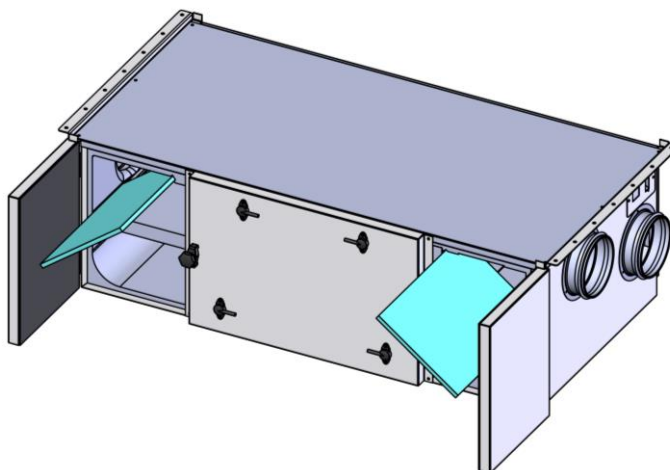
Slow flashing ( $\frac{1}{2}$ Hz) = filter Alarm  
Fast flashing (2 Hz) = critical alarm

The alarm is acknowledged by STOP plant (knob to 0)

**Figure 1: Basic - Stepwise adjustable control panel**

## Filter change

Outdoor- and extract air filters are placed behind the front of the system. These filters must be controlled at least 3 times a year and replaced as required. (See section about accessories). Before filter change the system is turned off. Screws are loosened and the lid is removed. The filters can be removed without using tools.



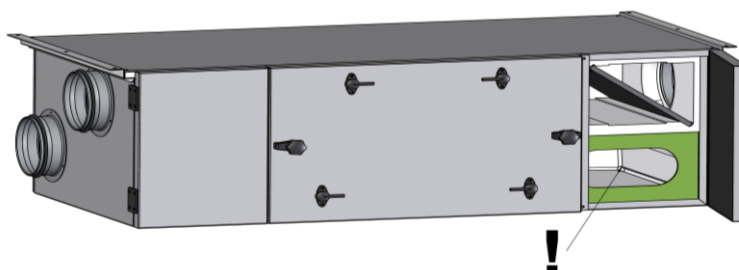
**Figure 2: Filter change**

## Condensation drain and water trap



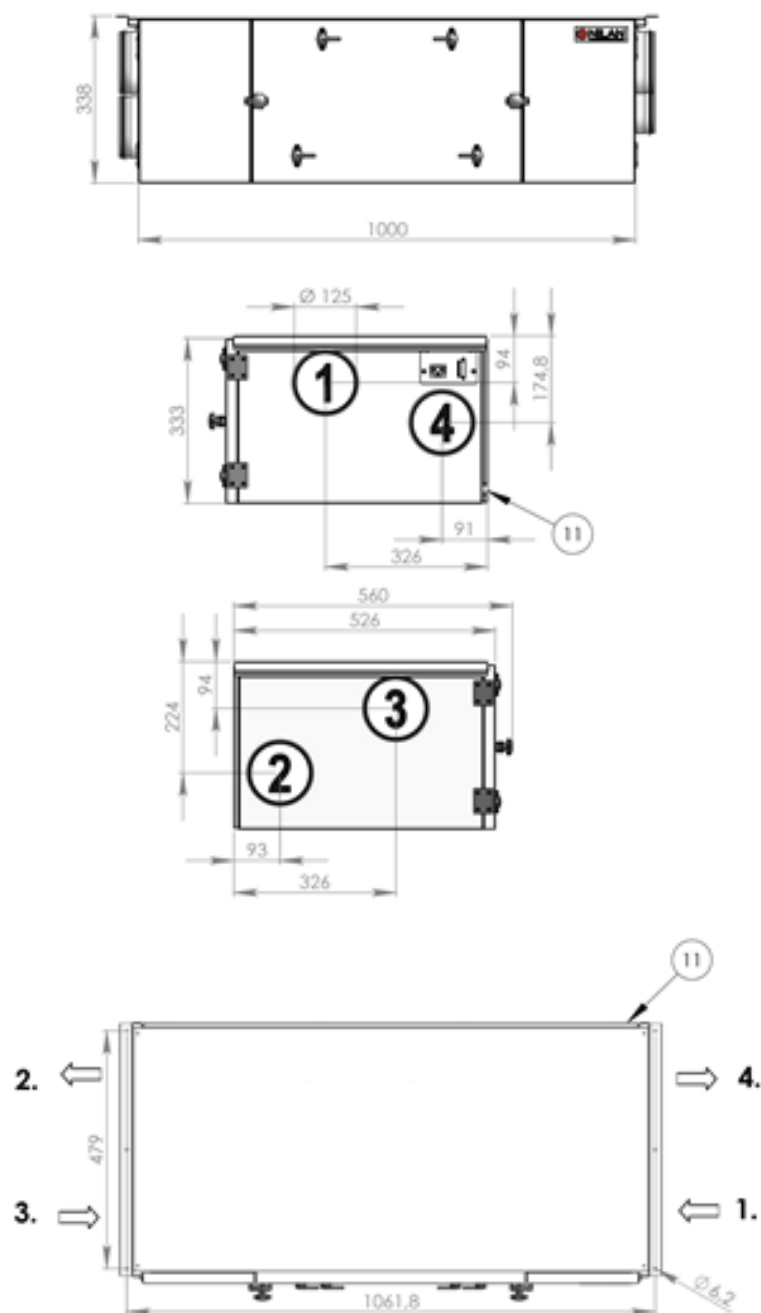
- Always disconnect the power to the system

Check if condensation drain and water trap is clear off filth, if necessary clean drain and water trap



**Figure 3: Condensation drain**

## System dimensions



- 1: Fresh Air
- 2: Air Inlet
- 3: Air Exhaust
- 4: Air Discharge
- 11: Condensation drain

Comfort CT150

## Accessories/spare parts

<b>Filters HUSK CT150</b>			
Type	System type	Qty	Nilan item no.
Pollen filter for fitting	Comfort CT150	1	3927
Filter G4 (1set = 2stk.)	Comfort CT150	1	39170

<b>Spare parts/accessories</b>		
Type	Qty	Nilan item no.
Control panel, 3 steps	1	2399002
CTS 602, control PCB	1	239932
CTS 602, control panel, complete	1	2398
CTS 602, white control panel enclosure	1	2398HX
Advance panel	1	2398H02

<b>Heating cable for condensation outlet (frost protection)</b>		
System	Type	Nilan item no.
Comfort	Heating cable	2172